

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Kinji KAYANUMA  
Title: DATA MODULATION  
METHOD AND APPARATUS  
Appl. No.: 10/642,749  
Filing Date: 08/19/2003  
Examiner: Tran, Khanh C.  
Art Unit: 2611  
Confirmation Number: 8178

**AMENDMENT AND REPLY UNDER 37 CFR 1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Non-Final Office Action dated March 30, 2007, concerning the above-referenced patent application.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this document.

**Remarks/Arguments** begin on page 15 of this document.

Please amend the application as follows: